

Claims

1. The use of a nucleic acid molecule comprising a sequence encoding an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof, in the manufacture of a medicament for the treatment of cell proliferative disorders associated with wound healing in a mammal, including human.

5 2. The use as claimed in claim 1, wherein the NAB1 or NAB2 polypeptide is human NAB1 or NAB2 polypeptide.

10 3. The use as claimed in ~~any of claims 1-5~~, wherein the cell proliferative disorders associated with wound healing are hypertrophic and keloid scar formation.

15 4. The use as claimed in ~~any of claims 1-5~~, wherein the nucleic acid molecule is operatively linked to a nucleic acid sequence, which controls expression.

20 5. The use as claimed in ~~any of claims 1-4~~, wherein the nucleic acid molecule is at least 70% or 80% or 90% or 95% identical over its entire length to an NAB1 or NAB2 polynucleotide sequence.

25 6. The use according to ~~any of claims 1-5~~, comprising a combination of a nucleic acid molecules comprising sequences encoding both an NAB1 polypeptide and an NAB2 polypeptide, or biologically active fragments thereof.

7. The use as claimed in ~~any of claims 1-5~~, wherein the nucleic acid molecule comprises a sequence which encodes a NAB2 polypeptide, or a biologically active fragment thereof.

30 8. The use as claimed in ~~any of claims 1-5~~, wherein the nucleic acid molecule is arranged for administration to the mammal by physical methods.

9. The use as claimed in claim 8, wherein the nucleic acid molecule is arranged for administration to the mammal by particle bombardment.

10. The use as claimed in claim 9, wherein the nucleic acid molecule is immobilised on gold particles.
- 5 11. The use as claimed in claim 8, wherein the nucleic acid molecule is arranged for administration by microseeding.
12. The use as claimed in ~~any of claims 1-7~~, wherein the nucleic acid molecule is in a vector.
- 10 13. The use as claimed in ~~any of claims 1-7~~, wherein the nucleic acid molecule is in a cell.
14. A nucleic acid molecule comprising a sequence encoding an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof, for use in gene therapy.
- 15 ~~Sub B1~~ 15. A pharmaceutical composition comprising a nucleic acid molecule comprising a sequence encoding an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof, together with one or more pharmaceutically acceptable carriers thereof.
- 20 16. A method of treatment of cell proliferation disorders associated with wound healing in a mammal, including human, which method comprises the administration to the mammal of a nucleic acid molecule comprising a sequence encoding an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof.
- 25 17. The use of an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof, in the manufacture of a medicament for the treatment of cell proliferation disorders associated with wound healing in a mammal, including human.
- 30 18. The use as claimed in claim 17, wherein the NAB1 or NAB2 polypeptide or biologically active fragment thereof is naturally-, synthetically- or recombinantly-produced.

- a 19. The use as claimed in claim 17 or claim 18, wherein the NAB1 or NAB2 polypeptide is human NAB1 or NAB2 polypeptide.
- a 20. The use as claimed in any of claims 17+19, wherein the polypeptide is at least 5 70% or 80% or 90% or 95% identical over its entire length to an NAB1 or NAB2 polynucleotide sequence.
21. A method of treatment of cell proliferation disorders associated with wound healing in a mammal, including human, which comprises the administration to 10 the mammal of a therapeutically effective amount of an NAB1 or NAB2 polypeptide, or a biologically active fragment thereof.
22. A pharmaceutical composition comprising an NAB1 and/or NAB2 polypeptide, or a biologically active fragment thereof, together with one or more 15 pharmaceutically acceptable carriers thereof.

*add B27*